



ENGINEERING DATA

T1100SW

Neck Velocity	200	300	400	500	600	700	800	900	1000	1100	1200	1300
Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040	0.050	0.062	0.075	0.090	0.105

6" Dia	Airflow CFM	34	59	79	98	118	138	157	177	197	216	236	256
	Total Pressure	0.004	0.012	0.022	0.034	0.049	0.067	0.087	0.106	0.126	0.155	0.188	0.219
	NC (Noise Criteria)	-	-	-	-	13	16	19	23	26	30	33	35
	Throw	0-1-3	1-2-4	2-3-5	2-3-6	3-4-6	3-5-7	3-5-7	4-5-8	4-6-8	5-6-9	5-6-9	5-7-9
8" Dia	Airflow CFM	70	105	139	174	209	245	279	314	349	384	419	454
	Total Pressure	0.008	0.017	0.030	0.047	0.067	0.094	0.117	0.145	0.189	0.218	0.259	0.304
	NC (Noise Criteria)	-	-	12	17	21	27	31	35	38	40	41	43
	Throw	1-2-3	1-2-4	3-3-5	2-3-7	3-4-7	3-5-8	4-5-9	4-6-9	5-7-10	5-7-10	5-7-11	6-8-11
10" Dia	Airflow CFM	109	164	218	273	328	382	436	491	546	601	655	
	Total Pressure	0.011	0.024	0.043	0.068	0.114	0.152	0.191	0.240	0.297	0.359	0.427	
	NC (Noise Criteria)	-	10	16	21	28	34	36	40	42	44	46	
	Throw	1-2-4	2-3-6	3-4-8	4-5-9	4-6-10	5-7-11	6-8-12	6-9-13	8-9-13	8-10-14	8-10-14	
12" Dia	Airflow CFM	157	239	319	393	471	550	628	707	785	864		
	Total Pressure	0.023	0.053	0.094	0.138	0.199	0.271	0.354	0.448	0.554	0.670		
	NC (Noise Criteria)	-	18	24	30	38	41	44	47	49	51		
	Throw	2-3-5	3-4-8	4-5-10	5-6-11	5-8-13	6-9-14	7-10-15	8-11-15	9-12-16	9-12-17		

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-1991 at isothermal conditions.
2. Units: Velocity Pressure=In.WC, Total Pressure = In.WC, Throw=Feet
3. Throw is given for terminal velocities of 150,100 and 50 fpm
4. NC is based upon 10db room absorption (Re: 10^{-12} Watts) evaluated at 125 through 4000HZ octave bands
5. Dash '-' indicates NC values less than 10